•							Docket Number (Optional) 51764/3		Application Number 10/616,001			
	01	INFO	RMATION DISCLOSURE CITATION () (Use several sheets if necessary)				Applicant(s) Jacob H. Gunther					
	NOV 1 0 2003 (3)						Filing Date July 9, 2003		Group Art Unit 2681			
Ŕ	U.S. PATENT DOCUMENTS											
*EXA	MINER	REF		DOCUMENT NUMBER	DATE		NAME	CLASS SUBCLASS		FILING DATE IF APPROPRIATE		
Sil	N	A1 2002/0191779 A1		2/0191779 A1	12/19/02	Pham		379 406.08		03/23/01		
8	1	A2 2002/0181699 A1			12/05/02	Pham e	t al.	379 406.08		03/23/01		
		A3 2002/0114445 A1			08/22/02	Benesty	et al.	379 406.01		12/05/00		
		A4 6,516,050 B1		6,050 B1	02/04/03	Tasaki et al.		379 3		10/25/00		
		A5 6,507,653 B1		01/14/03	Romesburg		379 406.05		04/14/00			
		A6 6,434,110 B1		4,110 B1	08/13/02	Hemkumar		370 201		03/20/98		
		A7 6,272,106 B1		08/07/01	Kawahara et al.		370 201		05/02/95			
		A8	6,18	1,794 B1	01/30/01	Park et	al.	379 410		10/07/97		
		A9	5,76	4,753	06/09/98	McCasl	lin et al.	379	389	09/29/95		
		A10	5,39	0,250	02/14/95	Janse et al.		379	410	12/17/91		
1	W	A11	5,295,136		03/15/94	Ashley et al.		370	32.1	04/13/92		
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		REF		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUBCLASS	Translation YES NO		
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				· · · · · · · · · · · · · · · · · · ·		OTHER	DOCUMENTS (Including A	uthor, Title,	Date, Pertinent Pa	ges, Etc.)		
(	M		Schobben et al., "A Frequency Domain Blind Signal Separation Method Based on Decorrelation," IEEE Transactions of Signal Processing, Vol. 50, No. 8, August 2002, pgs. 1855-1865.						Transactions on			
	ON!		B2	Torkkola, Kari, "Blind Deconvolution, Information Maximization and Recursive Filters," Motorola, Phoenix Corporate Research Laboratories, 2100 East Elliot Road, MD EL508, Tempe, AZ 85284, USA, 4 pgs.								
EX	amKe	R	Toffen Warth			DATE CONSIDERED  9/5/2004			ý			
	EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.											

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U.S. PATENT DOCUMENTS  *EXAMINER** DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE											
EXAMINER INITIAL	ADEMA		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE  IF APPROPRIATE			
M	A12	4,71	2,235	12/08/87	Jones, J	r.	379	410	11/19/84		
1	A13	4,26	8,727	05/19/81	Agrawa	l et al.	179 170.2		03/14/79		
	A14	4,13	1,767	12/26/78	Weinste	in	179	170.2	02/22/78		
M	W A15 Re. 35,574			07/29/97	Russell et al.		380 6		05/23/95		
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			•								
			OTHER DOCUME	NTS (Includin	g Author,	Title, Date, Pertinent P	Pages, Etc	:.)			
TH	Torkkola, Kari, "IRR Filters for Blind Deconvolution using Information Maximization," Motorola, Phoenix Corporate Research Laboratories, 2100 East Elliot Road, MD EL508, Tempe, AZ 85284, USA, 14 pgs.										
Off	Feder, et al., "Maximum Likelihood Noise Cancellation Using the EM Algorithm," IEEE Transactions on Acoustics, Speech, and Signal Processing, Vol. 37, No. 2, February 1989, pgs. 204-216.										
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			OTHER DOCUME	NTS (Including	Author	, Title, Date, Pertinent P	ages, Etc	c.)				
M		B5 Glentis, et al., "A Unified View - Efficient Least Squares Adaptive Algorithms for FIR Transversal Filtering," IEEE Signal Processing Magazine, July 1999, pgs. 13-41.										
TAH		В6	Breining, et al., "Acoustic Echo Control - An Application of Very-High-Order Adaptive Filters," IEEE Signal Processing Magazine, July 1999, pgs. 42-69.									
DATE CONSIDERED SIGNAL												
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not												
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